

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: May 14, 2004

Inspector: Diana Walden

Location: Norwalk Substation Expansion

**Storm/
Rain Event** Only traces of rain have fallen since the previous inspection.

Areas of Inspection	Observation	Recommended Action
Access Roads	<ul style="list-style-type: none"> - Some areas along the access road still have a little standing water and conditions are slightly muddy but not inaccessible. 5/14/04 - New Canaan Avenue is still free of any tracked sediment 4/28-5/14/04 	<ul style="list-style-type: none"> - None at this time. Continue to monitor. 5/14/04 - None at this time. Continue to monitor. 5/14/04
Foundation construction	<ul style="list-style-type: none"> - Grading for portions of the bike path along the river are ongoing. 5/14/04 - The underground conduits/ductbank have been completed in the northerly end of the site. Excavation is continuing from here. 5/14/04 - Work is ongoing on foundations for a small control house up near the Route 7 ramp. An additional stockpile was created but is well controlled and within the site. 5/6-5/14/04 - Retaining walls are largely complete with finishing work 	<ul style="list-style-type: none"> - The areas are well contained at this time. 5/14/04 - The stockpile is contained with silt fence and is well within the site. It is not as close to the roadway as the other piles. 5/14/04

Areas of Inspection	Observation	Recommended Action
	such as stairwells and railings ongoing 5/14/04	
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	- Little has changed on the site with respect to conditions and erosion control. The silt fence remains in good repair. 5/14/04	- Erosion control on site is working as expected with no additional issues. 5/14/04 - Continue to be proactive in silt fence repair and maintenance. 5/14/04
	- The area below the Route 7 ramp and above wall #4 has been graded and loamed 5/14/04. - A catch basin is located here at the end of the swale with a top and side inlet. A haybale has been placed at the side to prevent sedimentation to the catch basin but this may not be the permanent solution. 5/14/04	- The area is scheduled for hydroseeding within the next few days. This will reduce any potential sedimentation to the catch basin as well. 5/14/04
	- Portions of the northerly portion of the stockpile have been used on site. The area was flattened for access and some soil was removed. 5/6-5/14/04	- The pile appears fairly stable but should continue to be monitored. Plans are ongoing to utilize most of the soil in the near future. 5/14/04
	- The concrete washout station haybale controls have been maintained however a concrete washout was noted in another area on site for the first time in a while. 5/14/04	- The washout is well contained on site however, continue to utilize designated stations for concrete. 5/14/04
	- Soil is being stockpiled near retaining wall #1 and is being removed from the site. This is the only area on site to have received soils from a borrow pit in Monroe. 5/14/04	- The piles are well contained within the site at this time, and they will be completely removed in the near future. 5/14/04

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls contd.	<ul style="list-style-type: none"> - A small pile of blue stone gravel that had migrated to the river bank from the base of the tower during the flood remains on the river side of the silt fence. 4/28-5/14/04 	<ul style="list-style-type: none"> - When possible, the stone should be hand shoveled back to the work side of the fence. 4/28-5/14/04
	<ul style="list-style-type: none"> - Some rocky scour remains below the retaining wall #5 but areas with remaining topsoil are revegetating well. Preparations are being made for plantings. 5/6-5/14/04 	<ul style="list-style-type: none"> - Discussions are ongoing for stabilization measures. The decision is leaning towards tubeling shrub planting and plantable geogrids for structure. 5/6-5/14/04
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> - The silt fence is still well in place along the river. 5/14/04 - The area below retaining wall #5 remains scoured but within silt fence limits as preparation for plantings are being discussed. 4/28-5/14/04 - Grass cover is doing very well along the northern end of the wall in all areas where the topsoil had remained 5/6-5/14/04 	<ul style="list-style-type: none"> - Continue to monitor silt fence and repair as necessary, especially in portions closest to the river. 5/14/04 - Additional methods for stabilization are being decided. Measures will likely involve soil holding grids with quick growing shrub tubelings planted. Arrangements may be made soon to obtain willow (<i>Salix</i>) plantings. 4/28-5/14/04
State species of concern, threatened and endangered species	<ul style="list-style-type: none"> - No species of concern are located in this area of construction. 	<ul style="list-style-type: none"> - N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<ul style="list-style-type: none"> - The northern portion along wall #5 continues to vegetate and the southern portion is awaiting revegetation. 5/14/04 - Vegetation along the length of the riverbank is beginning to come in better. It may be necessary to revegetate here with a conservation seed mix if cover is not sufficient. 4/2-5/14/04 	<ul style="list-style-type: none"> - New options such as shrub or tree plantings at this location may be necessary to create an established root system that can hold here. 5/14/04 - We should know in a few weeks whether seeding for ground cover should be done in remaining bare areas along the riverbank. 4/28-5/14/04

Areas of Inspection	Observation	Recommended Action
Dewatering	- Dewatering activities are complete at this time. 5/14/04	-No actions required at this time. 5/14/04
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills	- No spills were reported this week and no sheens or drips were observed during the inspection. 5/14/04	<p>- The contractors should remain vigilant about securing and handling fuel containers due to the sensitivity of the area</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. There may be new procedures implemented for this- i.e. walk around checks on equipment on a regular basis.</p> <p>- Report spills to the office immediately, even if they are being controlled.</p>
Additional Observations	- Although the last report stated soils had been brought from a Monroe borrow pit for several weeks, in actuality, soils had been brought in for two days, several weeks ago, amounting to about 1000 cubic yards. The soil was used as backfill in one portion of the site near wall #1. 5/14/04	- Due to being slightly impacted, these soils are being removed from site. About 1/3 of the soil has been removed at this time, and the rest should be removed by next week. 5/14/04

Next likely scheduled inspection:

Thursday May 20, 2004

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate

and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden



VIEW OF NEW EXTENTS OF THE SUBSTATION YARD. A FENCE WILL BE COMPLETED SOON AND GRADING IS ONGOING FOR THE ADJACENT BIKE PATH.
5/14/04



NORTHERLY PORTION OF THE SOIL STOCKPILE. SOIL IS BEING PULLED FROM HERE AND UTILIZED ON SITE. VEGETATION IS RETURNING ON THE BANK 5/14/04



WALL #1 WHERE THE MONROE SOIL IS BEING REMOVED AND STOCKPILED UNTIL IT IS REMOVED FROM SITE. 5/14/04



VIEW OF WALL #1 EXCAVATED TO PREVIOUS GRADE AND THE SOIL WILL BE REMOVED FROM SITE. 5/14/04



VIEW OF CONDUIT BANKS COVERED IN CONCRETE. TRENCHING CONTINUES FURTHER INTO THE SITE. 5/14/04



VIEW OF WELL ESTABLISHED GRASS COVER AT THE NORTHERN PORTION OF THE SITE. 5/14/04



THE AREA BELOW THE ROUTE 7 RAMP HAS BEEN BROUGHT TO FINAL GRADES AND WILL BE HYDROSEEDING IN THE NEAR FUTURE. 5/14/04



THE CONCRETE WASHOUT STATION CONTROLS WERE MAINTAINED. HOWEVER ONE CONCRETE WASHOUT WAS NOTED ON SITE. 5/14/04